

Written decision of the International Search Authority (Supplemental Sheet)

International filing no. PCT/EP2005/001438

Concerning Point V

Substantiated statement with regard to novelty, inventive step, and industrial applicability;
citations and explanations supporting such statement

1

2 Reference is made to the following document:

D1: US-A-6 024 018 (Darel et al.) February 15, 2000

3 Claim 1 was interpreted as follows:

Method for color correction in printing machines, with following steps:

a) for color correction, in a first step or in a first stage of the method, the color supply of only a single process color is changed, wherein in this way the effect of changing the color supply of this one process color on the color values of a color spot to be measured is determined, wherein a corresponding chromaticity position for this color is stored, and wherein this method is performed separately one after the other for each individual process color involved in the autotype combination printing,

b) for color correction, in a second step or in a second stage of the method, all of the measurement values determined and stored in connection with step a) for all of the involved process colors are balanced with each other, such that for further color correction, a few or all of the process colors involved in the printing are adjusted simultaneously.

4 Document D1, which is considered to be the closest state of the art, discloses a method for color correction in printing machines (cf. Column 11, lines 18-65), from which the subject matter of Claim 1 differs in that

a) for color correction, in a first step or in a first stage of the method, the color supply of only a single process color is changed, wherein in this way the effect of changing the color supply of this one process color on the color values of a color spot to be measured is determined, wherein a corresponding chromaticity position for this color is stored, and wherein this method is performed separately one after the other for each individual process color involved in the autotype combination printing,

b) for color correction, in a second step or in a second stage of the method, all of the measurement values determined and stored in connection with step a) for all of the involved process colors are balanced with each other, such that for further color correction a few or all of the process colors involved in the printing are adjusted simultaneously.

5 Thus, the subject matter of Claim 1 is novel (Article 33(2) PCT).

6 Thus, the problem to be solved with the present invention can be seen in that autotype combination prints are corrected with special colors without determining the area coverage and through the measurement of standard color values.

7 None of the documents available in the state of the art offer suggestion on color correction, in which the color supply of one a single process color is changed in a first step. Therefore, the solution proposed in Claim 1 of the present application for this problem involves inventive step (Article 33(3) PCT).

8 Claims 2-7 are dependent on Claim 1 and therefore also fulfill the requirements of the PCT with regard to novelty and inventive step.